

# Product Catalogue

## Used in cell culture and cultured meat

CATEGORY	CAS	SPEC	APPLICATION	FEATURES
Recombinant Human Basic Fibroblast Growth Factor (rh bFGF)	62031-54-3	10mg/Vial 100mg/Vial	<ul style="list-style-type: none"> <li>Dispensing Serum-free medium for cell culture;</li> <li>Trauma repair drugs production.</li> </ul>	<ul style="list-style-type: none"> <li>Expression in Recombinant <i>E. Coli</i>;</li> <li>Specific activity <math>\geq 1.0 \times 10^7</math> U/mg pro.</li> </ul>
Recombinant Bovine Basic Fibroblast Growth Factor (rb bFGF)		500mg/Vial 1g/Vial	<ul style="list-style-type: none"> <li>Used in cell culture;</li> <li>Cultured meat production.</li> </ul>	<ul style="list-style-type: none"> <li>Expression in Recombinant <i>E. Coli</i>;</li> <li>Specific activity <math>\geq 1.0 \times 10^7</math> U/mg pro.</li> </ul>
Recombinant Human Epidermal Growth Factor (rh EGF)	62253-63-8	10mg/Vial 100mg/Vial 1g/Vial	<ul style="list-style-type: none"> <li>Dispensing Serum-free medium for cell culture;</li> <li>Medical devices, etc.</li> </ul>	<ul style="list-style-type: none"> <li>Expression in Recombinant Yeast;</li> <li>Specific activity <math>\geq 5.0 \times 10^4</math> U/mg pro.</li> </ul>
Recombinant Human Insulin-like Growth Factor (rh IGF-1)	67763-96-6	1mg/Vial 10mg/Vial 100mg/Vial	<ul style="list-style-type: none"> <li>Dispensing Serum-free medium and Cell culture.</li> </ul>	<ul style="list-style-type: none"> <li>Expression in Recombinant Yeast;</li> <li>Specific activity <math>\geq 1.0 \times 10^5</math> U/mg pro.</li> </ul>

## For: Production of Vaccine and GLP-1 Drugs; Cell Dispersion; Protein Analysis

CATEGORY	CAS	SPEC	APPLICATION	FEATURES
Recombinant Trypsin (Cell culture Grade)	9002-07-7	100g/Vial	<ul style="list-style-type: none"> <li>Vaccine production;</li> <li>Cell therapy;</li> <li>Cell dispersion in cell culture.</li> </ul>	<ul style="list-style-type: none"> <li>Expressed in Recombinant Yeast with low endotoxin;</li> <li>Comply will <b>USP42</b> and <b>Ch.P 2020</b>;</li> <li>Specific activity <math>\geq 3800</math> USP units/mg pro.</li> </ul>
Recombinant Trypsin (Pharmacopoeia Grade)		100g/Vial	<ul style="list-style-type: none"> <li>Biologics production (such as insulin and GLP-1 drugs);</li> <li>Protein Analysis;</li> <li>Cell dispersion in cell culture.</li> </ul>	<ul style="list-style-type: none"> <li>Expressed in Recombinant Yeast;</li> <li>Comply will USP42 and Ch.P 2020;</li> <li>Specific activity <math>\geq 3800</math> USP units/mg pro.</li> </ul>
Recombinant Trypsin (1:250)		100g/Vial	<ul style="list-style-type: none"> <li>Cell dissociation in cell culture passage and primary tissue dissociation, such as the production of human or veterinary vaccine.</li> </ul>	<ul style="list-style-type: none"> <li>No animal origin, low cost of use, instead of traditional animal extracted Trypsin(1:250);</li> <li>Specific activity <math>\geq 80</math> USP units/mg <b>powder</b>.</li> </ul>
Recombinant Heat-stable Trypsin		100mg/Vial 1g/Vial	<ul style="list-style-type: none"> <li>Production of heat-stable trypsin dispersion solution;</li> <li>Production of biologics.</li> </ul>	<ul style="list-style-type: none"> <li>Expressed in Recombinant Yeast;</li> <li>Highly heat-stable.</li> <li>Specific activity <math>\geq 2500</math> USP units/mg.</li> </ul>
TrypRE select (1x)		100ml/Vial 500ml/Vial	<ul style="list-style-type: none"> <li>Used in various types of cell digestion.</li> </ul>	<ul style="list-style-type: none"> <li>Storage at 2~8°C, no need to be thawed when using.</li> <li>Activity <math>\geq 200</math> USP units/ml.</li> </ul>
Recombinant Lysyl Endopeptidase (Biochemical Grade)	72561-05-8	100AU/Vial 1000AU/Vial	<ul style="list-style-type: none"> <li>Biological medicine production (such as insulin, GLP-1 drugs)</li> </ul>	<ul style="list-style-type: none"> <li>Patented technology products;</li> <li>High purity and high catalytic efficiency;</li> <li>Specific activity <math>\geq 3.0</math> AU/mg pro.</li> </ul>
Recombinant Lysyl Endopeptidase (M.S. Grade)		5AU/Vial 10AU/Vial	<ul style="list-style-type: none"> <li>Protein analysis</li> </ul>	<ul style="list-style-type: none"> <li>High purity and high specific activity;</li> <li>Specific activity <math>\geq 3.0</math> AU/mg protein.</li> </ul>
Recombinant Carboxypeptidase B	9025-24-5	100mg/Vial 1g/Vial	<ul style="list-style-type: none"> <li>Biological medicine production;</li> <li>Quality testing of antibodies</li> </ul>	<ul style="list-style-type: none"> <li>Expressed in Recombinant Yeast with no animal origin;</li> <li>Specific Active <math>\geq 150</math> U/mg protein.</li> </ul>

CATEGORY	CAS	SPEC	APPLICATION	FEATURES
Recombinant Enterokinase	9017-74-8	1KU/Vial 10KU/Vial	<ul style="list-style-type: none"> <li>Enzyme digestion for fusion proteins;</li> <li>Biological medicine production.</li> </ul>	<ul style="list-style-type: none"> <li>Expressed in Recombinant Yeast, enzyme solution, easy to use.</li> <li>Activity <math>\geq 5.0U/\mu l</math>.</li> </ul>
Recombinant Enterokinase Freeze-dried Powder		10mg/Vial 100mg/Vial		
Recombinant Kex2 Protease	99676-46-7	100mg/Vial 1g/Vial	<ul style="list-style-type: none"> <li>Enzyme digestion for fusion proteins;</li> <li>Biological medicine production.</li> </ul>	<ul style="list-style-type: none"> <li>Expressed in Recombinant Yeast.</li> <li>Specific activity <math>\geq 10U/mg</math> protein.</li> </ul>
Penicillinase	9001-74-5	1000MU/Vial 5000MU/Vial	<ul style="list-style-type: none"> <li>Remove antibiotic residues;</li> <li>Sterility detection of <math>\beta</math>-lactam antibiotics.</li> </ul>	<ul style="list-style-type: none"> <li>Expressed in Recombinant <i>E. Coli</i>.</li> <li>Freeze-dried powder, high stability.</li> <li>Activity <math>\geq 2.0 \times 10^6</math> USP units/mg powder.</li> </ul>
Penicillinase solution		150MU/Vial 1500MU/Vial		

### For: Production of Biological Medicines

CATEGORY	CAS	SPEC	APPLICATION	FEATURES
Insulin Degludec	844439-96-9	100g/Vial 500g/Vial	<ul style="list-style-type: none"> <li>Used in type II diabetes treatment.</li> </ul>	<ul style="list-style-type: none"> <li>Ultra-long-acting insulin, duration of efficacy up to 42hs.</li> <li>Expressed in recombinant Yeast.</li> <li>Purity <math>\geq 99\%</math>.</li> </ul>
Insulin Aspart	116094-23-6	100g/Vial 500g/Vial	<ul style="list-style-type: none"> <li>Used in type I and type II diabetes treatment.</li> </ul>	<ul style="list-style-type: none"> <li>Fast acting insulin, starts to work in about 15 minutes after injection.</li> <li>Expressed in recombinant Yeast.</li> <li>Purity <math>\geq 99\%</math>.</li> </ul>
Semaglutide	910463-68-2	100g/Vial 500g/Vial	<ul style="list-style-type: none"> <li>Used in type II diabetes treatment;</li> <li>weight-loss</li> </ul>	<ul style="list-style-type: none"> <li>Ultra-long-acting GLP-1 Analogues, can be made into oral preparation and injection. Oral preparation once per day, Injection once a week.</li> <li>Expressed in Recombinant <i>E. Coli</i>.</li> <li>Purity <math>\geq 99\%</math>.</li> </ul>
Semaglutide Intermediate P29 (GLP-1(9-37))	1169630-82-3	100g/Vial 500g/Vial	<ul style="list-style-type: none"> <li>Utilized in the production and development of Semaglutide.</li> </ul>	<ul style="list-style-type: none"> <li>Expressed in Recombinant <i>E. Coli</i>.</li> <li>Purity <math>\geq 95\%</math> &amp; Purity <math>\geq 98\%</math>.</li> <li>Produced by Biotechnological with GMP standards.</li> </ul>

\*Notice: All products as above are For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use. All products can be customised according to your requests. The test results shall be based on the COA